



MM	MM	TTTTTTTTTT	HH	HH	MM	MM	SSSSSSSS	GGGGGGGG
MM	MM	TTTTTTTTTT	HH	HH	MM	MM	SSSSSSSS	GGGGGGGG
MMMM	MMMM	TT	HH	HH	MMMM	MMMM	SS	GG
MMMM	MMMM	TT	HH	HH	MMMM	MMMM	SS	GG
MM	MM	TT	HH	HH	MM	MM	SS	GG
MM	MM	TT	HH	HH	MM	MM	SS	GG
MM	MM	TT	HHHHHHHHHHHH	MM	MM	SSSSSS	GG	
MM	MM	TT	HHHHHHHHHHHH	MM	MM	SSSSSS	GG	
MM	MM	TT	HH	HH	MM	MM	SS	GG GGGGGG
MM	MM	TT	HH	HH	MM	MM	SS	GG GGGGGG
MM	MM	TT	HH	HH	MM	MM	SS	GG
MM	MM	TT	HH	HH	MM	MM	SS	GG
MM	MM	TT	HH	HH	MM	MM	SSSSSSSS	GGGGGGG
MM	MM	TT	HH	HH	MM	MM	SSSSSSSS	GGGGGGG

LL		SSSSSSSS
LL		SSSSSSSS
LL		SS
LLLLLLLLLL		SSSSSSSS
LLLLLLLLLL		SSSSSSSS

```
1 .TITLE MTHMSGDEF      MTH$ facility messages
2 .IDENT '2-002'        ! File: MTHMSG.MSG Edit: SBL2002
3 ****
4 *
5 *
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24 *
25 ****
26
27
28 2-001 - Convert to MESSAGE utility source format. Adapted from MTHMSG.MDL
29   version 1-004. SBL 22-Apr-1981
30 2-002 - Add .TITLE. SBL 28-Aug-1982
31 +
32 * Symbols are defined following the standard for global names:
33   MTH$_abc$mn$o$xyz
34
35 In addition, the library standards specify that the letters "abc", "mno",
36 and "xyz" are the first three letters of the first three words of the error
37 message, not counting articles and prepositions.
38
39 The names of all procedures using each error condition value should appear
40 in the comments included with each error definition.
41
42
43
44 MACRO-32 Programming:
45
46 The macros call:
47
48   $MTHDEF
49
50 will cause all symbols to be made available to the module.
51 The STSSV MSG ID is the FORTRAN error number (1:94).
52 The Run-time Library declares these symbols EXTERNAL;
53 the macros are provided only for the convenience of the user.
54
55 !-
```

```

57
58
59
60
61
62
63 : Set sub-system specific bit and make SEVERE
64 : Set LH to 22 (decimal) MTH$ prefix
65
00000016 66 .FACILITY MTH,22 /SYSTEM
67 .SEVERITY FATAL
68 .BASE 80
69
00168284 70 WRONUMARG <wrong number of arguments!/> user PC !XL> /FAO=1
0016828C 71 INVARGMAT <invalid argument to math library!/> user PC !XL> /FAO=1
00168294 72 UNDEXP <undefined exponentiation!/> user PC !XL> /FAO=1
0016829C 73 LOGZERNEG <logarithm of zero or negative value!/> user PC !XL> /FAO=1
001682A4 74 SQURDNEG <square root of negative value!/> user PC !XL> /FAO=1
75
76 :
77 : Set sub-system specific bit and make SEVERE
78 : Set LH to 22 (decimal) MTH$ prefix
79
80 .BASE 87
81
001682B0 82 SIGLOSMAT <significance lost in math library!/> user PC !XL> /FAO=1
001682C4 83 FLOOVEMAT <floating overflow in math library!/> user PC !XL> /FAO=1
001682CC 84 FLOUNDMAT <floating underflow in math library!/> user PC !XL> /FAO=1
85
86 .LITERAL MTH$_SINCOSSIG=1475260
87
88 .END
89
90 ! End of file MTHMSG.MSG

```

There were 0 errors, 0 warnings, and 0 informational messages issued.  
 MESSAGE/NOTEXT/LIS=LIS\$:MTHMSG/OBJ=OBJ\$:MTHMSG MSRC\$:MTHMSG

0263 AH-BT13A-SE  
VAX/VMS V4.0

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